



Typical Laser Performance

Pulse Repetition Freq. (kHz)	5	10	15	20
Average Power (W)	620	840	865	870
Pulse Energy (mJ)	124	84	58	44
Pulse Duration (ns)	42	60	80	105
Divergence (mrad, 1/e ² FA)	12			
M ²	30			
Power Stability (% , 1σ)	0.3			
Typical Fibre Core (µm)	800 (Square or Round)			

Rigel i200

Rigel i400

Rigel i600

Rigel i800

Rigel i1000

Rigel i1600

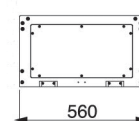
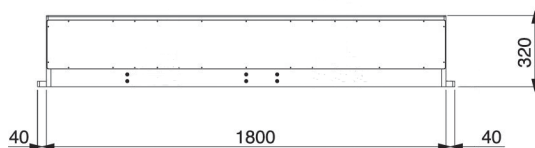
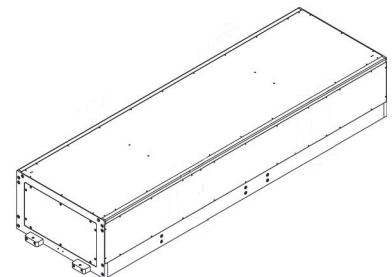
Rigel i3200

Facility Requirements

Supply Voltage	3-phase N+E, 220 or 400 VAC (±10%)
Supply Frequency	50 or 60 Hz
Nominal Power Consumption	18 kVA
Cooling Water	40 litres/min at 11 - 17°C
Gas Purge	N2 or Air (Grade N5.0, <1 ppm THC)
Laser Dimensions	1800 x 560 x 320 mm
Control Rack Dimensions	1195 x 600 x 970 mm (h w d)
Environmental Conditions	Temp 15 - 32°C and RH <60% (90% max, non condensing)

Specifications subject to change without notice.

Dimensions



LASER RADIATION
AVOID EYE OR SKIN EXPOSURE TO
DIRECT OR SCATTERED RADIATION
CLASS 4 LASER PRODUCT

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